

**Notice of Allowability**

Application No.

09/838,077

Applicant(s)

LUNA ET AL

Examiner

David Lazaro

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the RCE filed 03/16/05.
2. ☒ The allowed claim(s) is/are 1-4, 6-17, 28-32.
3. ☒ The drawings filed on 08 August 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


\* Certified copies not received: \_\_\_\_\_

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
David Lazaro  
April 20, 2005

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jordan Becker (39,602) on April 19, 2005.

The application has been amended as follows:

In the Claims:

In Claim 1, line 6, please delete "previously".

In Claim 1, line 7, please delete "wherein".

In Claim 1, line 7, please replace "is" with --having been--.

In Claim 6, line 7, please delete "previously".

In Claim 6, line 8, please delete "wherein".

In Claim 6, line 9, please replace "is" with --having been--.

In Claim 8, line 4, please delete "previously".

In Claim 8, line 5, please delete "wherein".

In Claim 8, line 5, please replace "is" with --having been--.

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In Claim 9, line 12, please delete "previously".

In Claim 9, line 14, please delete "wherein".

In Claim 9, line 14, please replace "is encrypted" with --having been established by tunneling through the proxy server--.

In Claim 14, line 9, please delete "previously".

In Claim 14, line 10, please delete "wherein".

In Claim 14, line 11, please replace "is encrypted" with --having been established by tunneling through the proxy server--.

In Claim 17, line 7, please delete "previously".

In Claim 17, line 8, please delete "wherein".

In Claim 17, line 8, please replace "is encrypted" with --having been established by tunneling through the proxy server--.

Please cancel Claims 18-27.

In Claim 28, line 1, please replace "of using" with --for--.

In Claim 29, line 8, please delete "previously".

In Claim 29, line 9, please delete "established".

In Claim 29, line 9, please delete "wherein".

In Claim 29, line 10, please replace "is" with --having been--.

Please add new Claim 30 as follows:

30. A mobile communications device as claimed in claim 9, wherein the secure connection is encrypted.

Please add new Claim 31 as follows:

31. A proxy server as claimed in claim 14, wherein the secure connection is encrypted.

Please add new Claim 32 as follows:

32. A network server as claimed in claim 17, wherein the secure connection is encrypted.

End of Examiner's Amendment.

2. The following is an examiner's statement of reasons for allowance:

3. The primary reason for allowance is the inclusion of limitations concerning the establishment of a secure connection by tunneling through the proxy server, in each of the independent claims which are related to a method of using a mobile communications device to access an on-line server provided by a network server, as well as the associated mobile communications device, proxy server, and network

server. The cited prior art, US Patent 6,678,731 by Howard et al., does not teach this feature nor is this feature obvious in view of other prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.


5. Fox, Armando et al., "Security on the Move: Indirect Authentication Using Kerberos", MOBICOM 96, Proceedings, ACM, pp. 155-164. Discloses background information similar to applicant's specification in discussing how a secure tunnel connection established through a proxy to a network service results in the proxy being unable to access information to and from the network service (see section 1.2, 'Proxied Services'). However, the paper offers no solution or suggestions for this problem, and only discusses a solution for a situation without a secure tunnel established through a proxy.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Lazaro whose telephone number is 571-272-3986. The examiner can normally be reached on 8:30-5:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain Alam can be reached on 571-272-3978. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
David Lazaro  
April 20, 2005

  
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